



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date February 25, 2021			EPA Reg No./File Symbol 96671-		Page 1 of 5
Applicant's/Registrant's Name & Address Zachary Enterprises, Inc., 13074 Zachary Avenue, McFarland, CA 93250			Product Zachary Sulfur Dioxide		
Ingredient Sulfur dioxide (CAS Reg. No 7446-09-5)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition		Zachary Enterprises, Inc.	OWN	
830.1600	Description of Starting Materials, Production and		Zachary Enterprises, Inc.	OWN	
	Formulation Process				
839.1670	Discussion of Formation of Impurities		Zachary Enterprises, Inc.	OWN	
830.1700	Preliminary Analysis		Zachary Enterprises, Inc.	OWN	
830.1750	Certified Limits		Zachary Enterprises, Inc.	OWN	
830.1800	Enforcement Analytical Method		Zachary Enterprises, Inc.	OWN	
830.6302	Color		Zachary Enterprises, Inc.	OWN	
830.6303	Physical State		Zachary Enterprises, Inc.	OWN	
830.6304	Odor		Zachary Enterprises, Inc.	OWN	
830.6313	Stability to Normal & Elevated Temperatures, Metals		Zachary Enterprises, Inc.	OWN	
	and Metal Ions				
830.6314	Oxidation/Reduction: Chemical Incompatibility		Zachary Enterprises, Inc.	OWN	
Signature N. Bhushan Mandava			Name and Title N. Bhushan Mandava, Ph.D., Agent for Zachary Enterprises, Inc.		Date February 25, 2021

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

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Ingredient Sulfur dioxide (CAS Reg. No 7446-09-5)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6315	Flammability		Zachary Enterprises, Inc.	OWN	
830.6316	Explosibility		Zachary Enterprises, Inc.	OWN	
830.6317	Storage Stability		Zachary Enterprises, Inc.	OWN	
830.6319	Miscibility		Zachary Enterprises, Inc.	OWN	
830.6320	Corrosion Characteristics		Zachary Enterprises, Inc.	OWN	
830.6321	Dielectric Breakdown Voltage		Zachary Enterprises, Inc.	OWN	
830.7000	pH		Zachary Enterprises, Inc.	OWN	
830.7050	UV/ Visible Absorption		Zachary Enterprises, Inc.	OWN	
830.7100	Viscosity		Zachary Enterprises, Inc.	OWN	
830.7200	Melting Point/ Melting Range		Zachary Enterprises, Inc.	OWN	
830.7220	Boiling Point/ Boiling Range		Zachary Enterprises, Inc.	OWN	
830.7300	Density/ Relative Density/ Bulk Density		Zachary Enterprises, Inc.	OWN	
830.7370	Dissociation Constants in Water		Zachary Enterprises, Inc.	OWN	
830.7550	Partition Coefficient (n-octanol/ water), Shake Flask Method		Zachary Enterprises, Inc.	OWN	
Signature N. Bhushan Mandava			Name and Title N. Bhushan Mandava, Ph.D., Agent for Zachary Enterprises, Inc.		Date July 22, 2020



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Ingredient Sulfur dioxide (CAS Reg. No 7446-09-5)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7560 (63-11)	Partition Coefficient (n-octanol/water),		Zachary Enterprises, Inc.	OWN	
	Generator Column Method				
830.7570 (63-11)	Partition Coefficient (n-octanol/water),		Zachary Enterprises, Inc.	OWN	
	Estimation by Liquid Chromatography				
830.7840 (63-8)	Water Solubility: Column Elution Method;		Zachary Enterprises, Inc.	OWN	
	Shake Flask Method				
830.7860 (63-8)	Water Solubility, Generator Column Method		Zachary Enterprises, Inc.	OWN	
830.7950 (63-9)	Vapor Pressure		Zachary Enterprises, Inc.	OWN	
ACUTE TOXICOLOGY STUDIES					
870.1100 (81-1)	Acute Oral Toxicity		Zachary Enterprises, Inc.	PAY	
870.1200 (81-2)	Acute Dermal Toxicity		Zachary Enterprises, Inc.	PAY	
870.1300 (81-3)	Acute Inhalational Toxicity		Zachary Enterprises, Inc.	PAY	
870.2400 (81-4)	Acute Eye Irritation		Zachary Enterprises, Inc.	PAY	
870.2500 (81-5)	Acute Dermal Irritation		Zachary Enterprises, Inc.	PAY	
870.2600 (81-6)	Skin Sensitization		Zachary Enterprises, Inc.	PAY	
Signature <i>N. Bhushan Mandava</i>			Name and Title N. Bhushan Mandava, Ph.D., Agent for Zachary Enterprises, Inc.		Date February 25, 2021



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Ingredient Sulfur dioxide (CAS Reg. No 7446-09-5)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
CITE-ALL For Sulfur dioxide	Generic Data, Acute Toxicology Data, Efficacy Data		MCSHARES, INC	Pay	
			P.O. Box 1460		
			SALINA, KS 67402		
			SNOWDEN ENTERPRISES, INC	Pay	
			PYXIS REGULATORY CONSULTING, INC.		
			4110 136TH STREET CT NW		
			GIG HARBOR, WA 98332		
			TECK COMINCO AMERICAN INC.	Pay	
			P.O. Box 3087		
			501 N. RIVERPOINT BLVD., SUITE 300		
			SPOKANE, WA 99202		
			PRODUCTOS QUIMICOS Y ALIMENTICIOS OSKU S.A.	Pay	
			HOLZWORTH & KATO, PC		
			1819 L STREET, N.W., SUITE 400		
			WASHINGTON, DC 20036		
Signature N. Bhushan Mandava			Name and Title N. Bhushan Mandava, Ph.D., Agent for Zachary Enterprises, Inc.		Date February 25, 2021



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
CITE-ALL For Sulfur dioxide	Generic Data, Acute Toxicology Data, Efficacy Data		QUIMETAL INDUSTRIAL S.A.	Pay	
			LEWIS & HARRISON, LLC		
			2461 SOUTH CLARK STREET, SUITE 710		
			ARLINGTON, VA 22202		
			SPRAY DRIFT TASK FORCE	Pay	
			MCKENNA, LONG & ALDRIDGE LLP		
			1900 K STREET, NW		
			WASHINGTON, DC 20006		
			AIRGAS USA, LLC	Pay	
			WAGNER REGULATORY ASSOCIATES, INC.		
			P.O. Box 640		
			7217 LANCASTER PIKE, SUITE A		
			HOCKESSIN, DE 19707		
Signature <i>N. Bhushan Mandava</i>			Name and Title N. Bhushan Mandava, Ph.D., Agent for Zachary Enterprises, Inc.		Date February 25, 2021